

# *Creating Environmental Assets On The Farm*



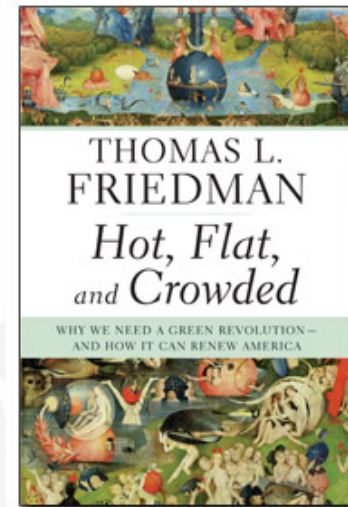
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# The New York Times

If all you ever do is all you've ever done,  
then all you'll ever get is all you ever got.

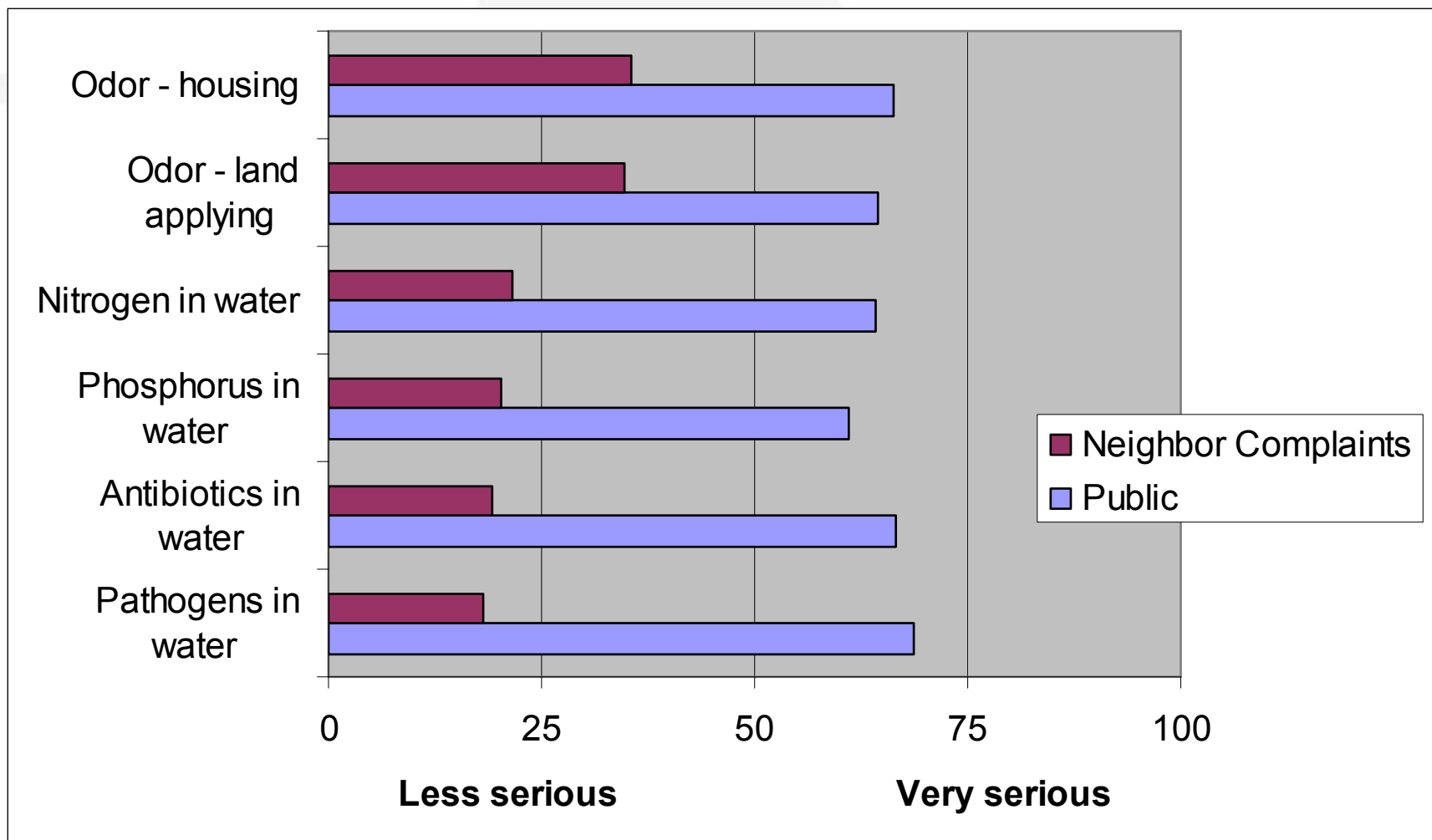
– Thomas Friedman  
September 13, 2008



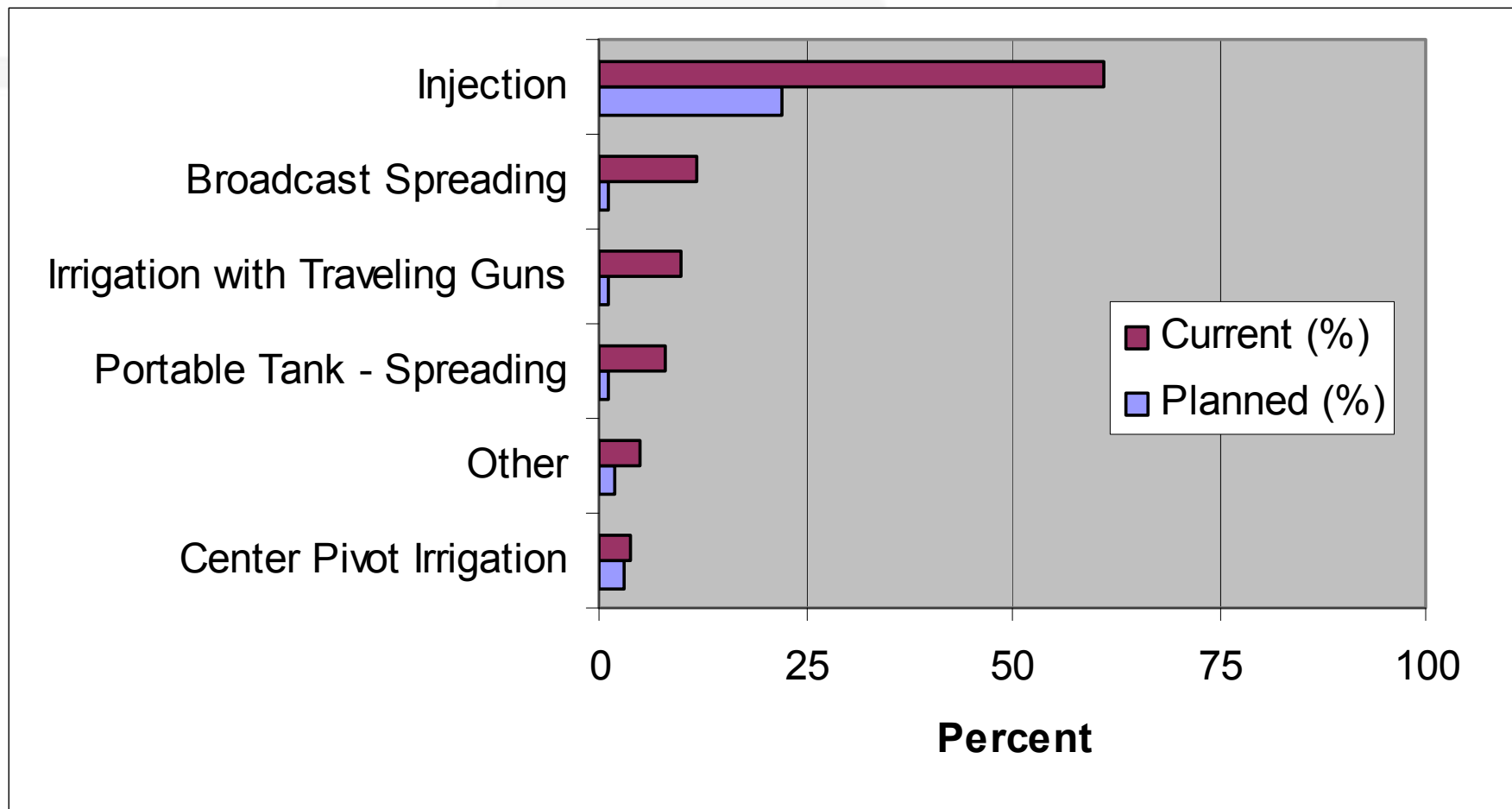
# Challenges Facing US Pork Industry

- PR Challenges
  - Odor
  - Public Health Concerns
  - New Neighbors, Changing Neighborhood
  - Climate Change:
    - PETA / United Nations
- Legal / Regulatory Challenges
  - Air Emission Litigation
  - Nutrient Management
  - Pathogens / Antibiotics
  - Climate Change
    - EPA Rules
    - New Legislation??
- Business Challenges
  - Feed Costs
  - Energy Costs

# Neighbor Relations



# Manure application and odor control



# The Future of Manure Management

## Lagoon Covers and Methane Capture

### 4 Point Plan

- Government Support
  - Support research on Methane Capture
  - Support research on Methane Cleaning
  - Financial Supports for Construction

# The Future of Manure Management Lagoon Covers and Methane Capture 4 Point Plan

- Financing Construction
  - Federal / State Support
    - EQIP
    - Loan Guarantees
    - Federal Purchase Requirement
  - Private Capital
  - Renewable Energy Tax Credit
  - Climate Change Legislation

# The Future of Manure Management

## Lagoon Covers and Methane Capture

### 4 Point Plan

- Community Benefits
  - Climate Benefit
  - Reduced Air Emissions
    - Odor and Dust
  - Energy Independence
  - Localized Jobs and Revenue
  - Support State/Local Economy



# The Future of Manure Management Lagoon Covers and Methane Capture 4 Point Plan

- Enhanced Revenue Stream
  - Sale of Carbon Credits
  - Sale of Methane Biogas
  - Sale of Renewable Energy

# Questions

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